

Title (en)

SUBSTRATES WITH BIOCIDAL PROPERTIES AND PROCESS FOR MAKING THEM

Title (de)

SUBSTRAT MIT BIOZIDEIGENSCHAFTEN SOWIE VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

SUBSTRATS AYANT DES PROPRIETES BIOCIDES ET PROCEDE DE FABRICATION CORRESPONDANT

Publication

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Application

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Abstract (en)

[origin: WO0049219A1] The invention relates to a process for treating a substrate to impart biocidal properties to the substrate by depositing or impregnating the substrate with solubilised chitosan, immersing the substrate in a solution of a silver salt, treating the substrate to reduce the silver salt to atomic/metallic silver, cross-linking the chitosan and washing the resultant treated substrate. The invention also relates to biocidal substrates when prepared by this process and to the use of such biocidal substrates for the manufacture of garments, dressings and protective drapes suitable for medical and veterinary use.

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